Claims

1. A passive indicator of voltage presence, in the form of a multilayer plate comprising two electrically conductive layers (2) and (4) and located between them an intermediate layer (3) of a structure showing electrooptical properties, which is a display element of the indicator and the electrically conductive layers are electrodes of the display element, **characterised in that** the electrically conductive layers (2) and (4) are electrically connected with each other by means of a diode (5), and between the intermediate layer (3) and one of the conductive layers (2) or (4) there is located a dielectric layer (15) , which is separated from the intermediate layer (3) by an additional electrically conductive layer (16) and one of the conductive layers (2) or (4) is at least partially transparent.
2. Passive indicator according to claim 1, **characterised in that** the intermediate layer (3) of the indicator is an electrophoretic structure.
3. Passive indicator according to claim 1, **characterised in that** the intermediate layer (3) of the indicator is a liquid-crystal based electrooptical structure.
4. Passive indicator according to claim 1, **characterised in that** the intermediate layer (3) of the indicator is an electrochromic structure.
5. A passive indicator of voltage presence, in the form of a multilayer plate comprising two electrically conductive layers (42,44) or (52,54) or (62,64) and located between them an intermediate layer (43) or (53) or (63) of a structure showing electrooptical properties, which is a display element of the indicator and the electrically conductive layers are electrodes of the display element, **characterised in that** at least one of the electrically

conductive layers (42), (44), (52), (54), (62), (64) is divided into smaller conductive surfaces (42a), (42b) or (52a, 52b) or (62a, 62b) separated from each other and being not in contact with one another, which adhere to the intermediate layer (43) or (53) or (63) and are electrically connected with the other electrically conductive layer (44) or (54) or with the individual conducting surfaces that other electrically conductive layer is divided into (64a, 64b), by means of diodes (45a, 45b) or (55a, 55b) or (65a, 65b) whose electrodes are oriented in opposite directions with respect to the connected electrically conductive layers or their conductive surfaces, and at least one of the electrically conductive layers (42), (44), (52), (54), (62), (64) is at least partially transparent.

6. Passive indicator according to claim 5, **characterised in that** the intermediate layer (43) or (53) or (63) of the indicator is an electrophoretic structure.

7. Passive indicator according to claim 5, **characterised in that** the intermediate layer (43) or (53) or (63) of the indicator is an electrochromic structure.